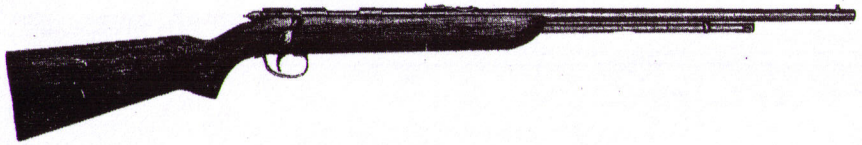
INSTRUCTIONS FOR OPERATION AND CARE

of the

Remington

MODEL 512



SPORTMASTER

BOLT ACTION REPEATING RIFLE
(Tubular Magazine)

Effective October 1, 1946.
Detail Edition of Instructions
Parts only
March 2, 1948 Mod. Rem. Mfg.

REMINGTON ARMS COMPANY, INC. Ilion, N.Y., U.S.A.

INSTRUCTIONS FOR OPERATION AND CARE

This rifle is shipped from the factory in take-down condition, as in Figure 1.

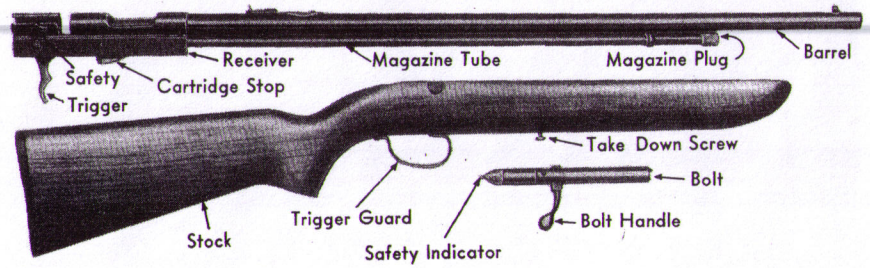


FIGURE 1

To Put Bolt in Receiver:
Make certain that cartridge stop is in upward position (Fig. 2). If cartridge stop should be in down position (Fig. 3) push upward on front end of cartridge stop until it goes fully upward in receiver. Then with safety in forward or "off" position and bolt in cocked position, insert bolt in receiver, hold trigger fully rearward and fully close bolt, rotating bolt handle downward to lock.

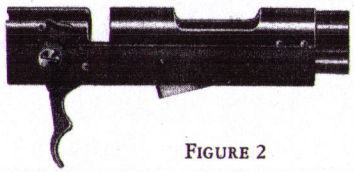


FIGURE 2

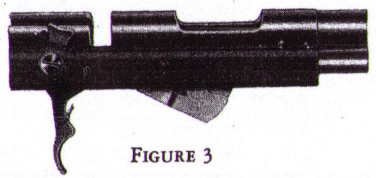


FIGURE 3

Cock Bolt:
The bolt is cocked when red tip of safety indicator shows at rear of bolt. Should bolt become uncocked while removed from receiver, it will be necessary to cock it before putting it back in receiver. To do so, push bolt in receiver as far as possible, with bolt handle on right side of receiver, rotate bolt handle upward, thus cocking bolt, then proceed as given in "Put Bolt in Receiver".

Assemble Gun:
With bolt in receiver place barrel and receiver in stock with trigger projecting through into guard, push rearward until receiver is firmly seated against end of slot in stock, then tighten take-down screw into receiver until barrel and receiver are drawn firmly in stock.

To Open Action:
Rotate bolt handle upward (this motion cocks firing pin and shows red tip of safety indicator at rear of bolt) then pull bolt handle fully rearward.

Load Magazine:
Tubular Magazine is located at bottom of barrel—Turn knurled plug at front end of magazine until it may easily be pulled out toward the muzzle. Pull out until opening in outer magazine tube forward of stock is uncovered, insert cartridges, with front of cartridge toward muzzle, until visible at opening. Close tube upon

cartridges, rotating slightly for passing over shell head. Make sure pin on side of inner magazine tube goes into slot in outer, then turn knurled plug to lock.

Load Gun:

Rotate bolt handle upward and pull rearward to stop, causing carrier to raise cartridge level to barrel and under ears of insert, push bolt handle forward to put cartridge in barrel. Rotate handle fully downward to lock, gun is now ready to fire.

Fire:

BE SURE GUN IS POINTED WHERE YOU WANT TO SHOOT. With action closed, push safety forward to "off" position. (Safety is located on right side of receiver rearward of bolt handle.) Pull trigger to fire.

Repeat:

Proceed as in "Load Gun." This extracts empty shell and gun is ready to fire again.

To Make Safe:

Grasp safety located on right side of receiver rearward of bolt handle, and pull back covering red dot on side of receiver. This movement locks trigger and gun cannot be fired.

Unload Without Firing:

Put gun in safe position. Open bolt, ejecting cartridge from barrel. Pull out magazine tube and tip gun to pour cartridges from front end of magazine. Replace and lock tube. THERE IS STILL ONE CARTRIDGE IN GUN. Close bolt to put last cartridge in barrel. Eject it from gun which will then be entirely empty.

Load Barrel as Single Shot:

Insert cartridge directly into barrel. Close and lock bolt to fire.

Uncock Firing Pin:

Open bolt by rotating bolt handle upwards. BE SURE THERE IS NO CARTRIDGE IN THE BARREL. Push safety forward to "off" position, hold trigger back and rotate bolt handle downward.

Remove Bolt:

Open action, push safety forward to "off" position, hold trigger fully rearward, and pull bolt entirely from receiver.

CAUTION: Always rotate bolt handle fully downward for proper locking of breech to prevent misfires which may otherwise occur.

Sear Pivot Screw (Part No. 84, page 5) was assembled to full depth, backed off one-half turn and staked in place at factory. If for any reason it must be removed it must be replaced in this same position and restaked.

Cartridge Retainer (Part No. 17, page 5) is located in slot on left side of Receiver and held in place by spring (Part No. 18, page 5) and screw (Part No. 19, page 5). This should not be removed as it has been adjusted at factory.

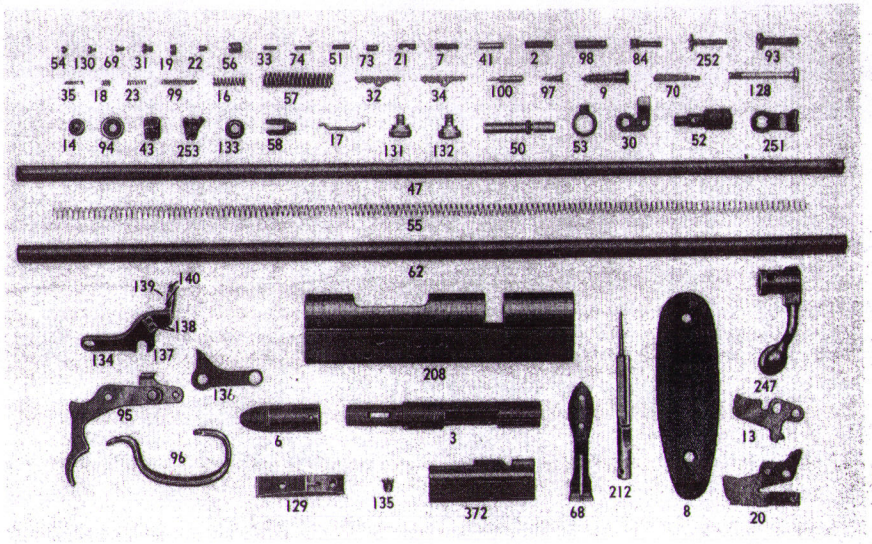
MODEL 512-P

This is the same as 512-A with exception of sights. Receiver has two screw holes in rear left side for attaching rear peep sight. One screw has a knurled head and peep hole interchangeable with knurled peep disc when a larger aperture is desired. Elevating adjustment is made by loosening knurled binding screw in left side and swinging rear end of sight to proper graduation on scale, then tighten screw. Windage adjustment is made by loosening knurled peep disc and sliding to right or left to desired graduation, then tighten peep disc.

MODEL 512 BOLT ACTION REPEATING RIFLE

TUBULAR MAGAZINE

COMPONENT PARTS (Part Names and Prices, Page 5)



CARE OF GUN

Exclusive use of Remington ammunition with "Kleanbore" priming or Peters ammunition with "Rustless" priming reduces care necessary to keep gun in condition. It prevents rusting of bore and the necessity of cleaning it.

If corrosive ammunition is used, clean bore immediately after shooting. Use cloth saturated with Remington Powder Solvent. If this is not available, pour one pint of boiling water through barrel to dissolve residue. Use small funnel to prevent spilling. Wipe clean and dry. Lubricate with "Rem" oil which is a high quality oil, free from acid, to prevent rusting.

When storing gun, lubricate inside and out with heavy grease. Remington Gun Grease is prepared especially for this purpose.

Interior of barrel should be cleaned free of grease before firing to ease the passage of bullets, and prevent a swelled bore or injury to barrel. Lubricant should always be maintained on cocking cam in bolt. "Rem" oil is a high grade lubricant and rust preventive. You may obtain it in a handy 3-oz. can from your dealer.

CAUTION: We recommend the use of long rifle ammunition. If short cartridges are used, care should be taken to clean the chamber of the barrel after shooting as a deposit of lead accumulates at the forward end of the chamber, which, if left, will not permit the use of long rifle cartridges afterward, until the deposit is removed.

PRICE LIST

In ordering parts, specify model, caliber, part number, part name and serial number of your rifle.

All parts marked with an asterisk (*) must be fitted at factory or service station.

(See illustration page 4)

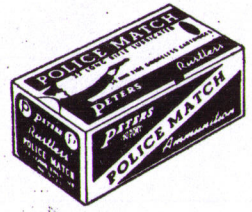
Part No.	Name of Part	List Price
301	*Barrel	$5.60
601	*Barrel (512-P)	5.60
2	Barrel Lock Pin (2), each	.15
3	*Bolt	1.40
3½	Bolt Complete	4.90
247	Bolt Handle Assembled	1.15
6	Bolt Sleeve	.30
7	Bolt Sleeve Pin	.15
8	Butt Plate	.45
9	Butt Plate Screw (2), each	.15
13	Carrier	.45
14	Carrier Spacer Bushing	.15
16	Carrier Tension Spring	.15
17	*Cartridge Retainer	.15
18	Cartridge Retainer Spring	.15
19	Cartridge Retainer Spring Screw	.15
20	Cartridge Stop	.70
21	Cartridge Stop Plunger	.15
22	Cartridge Stop Plunger Screw	.15
23	Cartridge Stop Plunger Spring	.15
30	Ejector	.30
31	Ejector Screw	.15
32	Extractor, Left	.30
33	Extractor Pin (2), each	.15
34	Extractor, Right	.30
35	Extractor Spring	.15
212	Firing Pin Assembled	.85
41	Firing Pin Cam Pin	.15
43	Front Sight	.30
129	Front Sight Ramp (512-P)	.55
130	Front Sight Ramp Screw (2) (512-P), each	.15
47	Inner Magazine Tube	.70
47½	Inner Magazine Tube Complete	1.25
50	Magazine Follower	.15
51	Magazine Pin	.15
52	Magazine Plug	.15
53	Magazine Ring	.45
54	Magazine Screw	.15
55	Magazine Spring	.15
56	Magazine Tube Support Screw	.15
57	Main Spring	.15
58	Main Spring Plunger	.15
62	Outer Magazine Tube	1.40

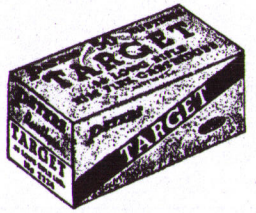
Part No.	Name of Part	List Price
302	Rear Peep Sight Assembled	$2.10
131	Rear Peep Sight Disc, large aperture (512-P)	.30
132	Rear Peep Sight Disc, small aperture (512-P)	.30
133	Rear Peep Sight Nut (512-P)	.30
134	Rear Sight Base (512-P)	.70
135	Rear Sight Base Screw (512-P)	.15
136	Rear Sight Elevating Indicator (512-P)	.15
137	Rear Sight Elevating Plate (512-P)	.15
138	Rear Sight Elevating Plate Screw (2) (512-P), each	.15
68	Rear Sight Leaf	.55
69	Rear Sight Screw (2), each	.15
70	Rear Sight Step	.15
139	Rear Sight Windage Plate (512-P)	.15
140	Rear Sight Windage Plate Screw (2) (512-P), each	.15
208	*Receiver	2.10
209	*Receiver (512-P)	2.10
210	*Receiver (Special for No. 344 Weaver Scope)	2.10
211	*Receiver (512-P) (Special for No. 344 Weaver Scope	2.10
372	*Receiver Insert	.70
73	Receiver Insert Spacer	.30
74	Receiver Insert Spacer Pin	.15
253	Safety	.30
128	Safety Indicator	.30
251	Safety Lever	.15
252	Safety Screw	.15
84	Sear Pivot Screw	.15
387	Stock	5.60
887	Stock (512-P)	5.60
93	Take Down Screw	.15
94	Take Down Screw Escutcheon	.15
95	Trigger and Sear Assembly	1.15
96	Trigger Guard	.30
97	Trigger Guard Screw (2), each	.15
98	Trigger Pin	.15
99	Trigger Spring	.15
100	Trigger Spring Plunger	.15

SHOOT REMINGTON AND PETERS AMMUNITION FOR FINEST RESULTS

Remington .22-caliber Cartridges

Peters .22-caliber Cartridges





Remington and Peters manufacture a complete line of .22-caliber cartridges for small game hunting, fine target shooting and "plinking".

Your local hardware or sporting goods dealer will gladly supply you with either Remington or Peters .22's.

For the finest performance and the best protection of your rifle, always insist on Remington ammunition with "Kleanbore" non-corrosive priming or Peters ammunition with "Rustless" priming.

Remington

DUPONT

PETERS

"**Sportmaster**", "**Kleanbore**", "**Hi-Speed**" and "**Rem**" are Reg. U. S. Pat. Off. by Remington Arms Co., Inc. "**Rustless**", "**Target**" and "**Filmkote**" are Reg. U. S. Pat. Off. by Peters Cartridge Division, Remington Arms Co., Inc.

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